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Docket No.: 1417.1002CIP

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07/09/03
AS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Hideya KINOSHITA et al.

Serial No. 10/042,216

Group Art Unit: 1711

Confirmation No. 6978

Filed: January 11, 2002

Examiner: Rabon A. Sergent

For: SOFT POLYURETHANE FOAM

RESPONSE TO COMMUNICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Responsive to the June 3, 2003 Communication, having a July 3, 2003 due date, reconsideration is respectfully requested based on the following amendments and remarks.

The Communication advised that claim 1 needed to be in a clean format, and that certain spelling errors remained. In the former regard during a telephone conference between the undersigned and the Examiner on June 9, 2003, the Examiner indicated that no brackets should remain in the clean claims, and agreed that parenthesis should replace the brackets.

PLEASE DISREGARD THE RESPONSE FILED MARCH 18, 2003, AND SUBSTITUTE THIS RESPONSE THEREFORE.

The undersigned apologizes for any inconvenience the previous Response may have caused.

I. AMENDMENTS

A. In the Written Description (37 C.F.R. §1.121(b))

Please REPLACE the written description with the SUBSTITUTE SPECIFICATION attached hereto. The Substitute Specification includes no new matter. 37 C.F.R. §1.125(b)(1).

Also, attached is a Marked-Up Version of the Substitute Specification.

B. In the Claims (37 C.F.R. §1.121(c)(1)(i))

Please AMEND claims 1, 2 and 5 as follows:

1. (ONCE AMENDED) A dibutyl cresol-free polyurethane foam obtained by foaming a polyurethane raw material comprising:

a polyol component;

a phenolic antioxidant selected from 3,9-bis(1,1-dimethyl-2-(3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propionyloxy)ethyl)-2,4,8,10-tetraoxaspiro(5.5) undecane or 2,2'-thio-diethylene bis (3-(3,5-di-t-butyl-4-hydroxyphenyl) propionate) in an amount of 0.05-2.0 parts by weight for 100 parts by weight of the polyol component;

a benzotriazole UV absorbing agent in an amount of 0.1-3.0 parts by weight for 100 parts by weight of the polyol component; and

a phosphorous antioxidant in an amount of 0.5-6.0 parts by weight for 100 parts by weight of the polyol component.

2. (ONCE AMENDED) The polyurethane foam according to claim 1, wherein the polyurethane raw material further comprises, in relation to 100 parts by weight of the polyol component, an isocyanate component (10-80 parts by weight), a catalyst (0.01-2.0 parts by weight), a foaming agent (1.0-25.0 parts by weight), and a foam stabilizer 0.1-3.0 parts by weight).

5. (ONCE AMENDED) The polyurethane foam according to claim 1, wherein the phenolic antioxidant is selected to be only 3,9-bis(1,1-dimethyl-2-(3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propionyloxy)ethyl)-2,4,8,10-tetraoxaspiro(5.5)undecane.